## **ABSTRACT**

A laser recording thermally sensitive recording medium comprising, at least a photo absorbing material which absorbs laser ray and covert the laser ray to heat, colorless or pale colored basic leuco dye and organic color developing agent on a substrate as main components, wherein said photo absorbing material is a compound represented by general formula (1),

$$X_n$$
 $C = CH - CH = CH - C$ 
 $X_n$ 
 $Z_n$ 
 $Z_n$ 
 $Z_n$ 
 $Z_n$ 

wherein, n indicates an integer of from 1 to 4, and structural formula of Xn, Yn and Zn- are indicated in Table 1.

Table 1

Table 1				
	n=1	n=2	n = 3	n = 4
Χn	$N (C_2H_5)_2$	$N (C_2H_5)_2$	$N (CH_3)_2$	$N (C_2H_5)_2$
Υn	$N (C_2H_5)_2$	$N (C_2H_5)_2$	Н	OCH <sub>3</sub>
Zn-	C <sub>4</sub> H <sub>9</sub>	$H_3C$ $SO_3$	CF <sub>3</sub> SO <sub>3</sub>	CF <sub>3</sub> SO <sub>3</sub>